

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: ALEXANDER, S.B., et al.
Appl. No.: Divisional of Application Serial No. 09/793,645 Group: Unassigned
Filed: July 14, 2003 Examiner: Unassigned
For: REMODULATING CHANNEL SELECTORS FOR WDM OPTICAL COMMUNICATION SYSTEMS

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION WITH CONTINUATION-IN-PART OR
RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

July 15, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 form(s), attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications, or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

<u>U.S. Appl. No(s).</u>	<u>U.S. Filing Date(s)</u>
09/793,545	February 26, 2001
09/428,420	October 28, 1999
09/955,058	October 21, 1997
06/669,049	June 24, 1996
08/624,269	March 29, 1996
08/438,844	May 11, 1995

III. FEES

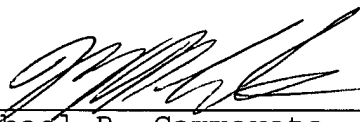
This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 
Michael R. Cammarata, #39,491

MRC/kpc
4450-0386P

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

Attachment(s) : ☒ PTO-1449(s)

☐ Foreign Search Report

☐ Other:

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				ATTY DOCKET NO. 4450-0386P		APPLICATION NO. Unassigned	
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 5,487,120		01/1996	Choy et al.			
	US 5,467,212		11/1995	Huber			
	US 5,784,184		07/1998	Alexander et al.	359	125	
	US 5,887,039		03/1999	Suemura et al.	375	365	
	US 6,233,077		05/2001	Alexander et al.	359	133	
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	US 5,050,952		09/1991	Fussgager	359	114	
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							YES	NO

OTHER DOCUMENTS	
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	Ogata et al., OFC '96 Technical Digest, Tul2, pps. 42-44
	Suzuki et al., Journal of Lightwave Technology, Vol. 8, No. 5, pps. 660-665, May 1990
	Thombley et al., 10 th Annual National Fiber Optic Engineers Conference, June 12-16, 1994, pps. 283-294
	Aoki et al., ACOFT'95, pps. 355-358

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	US 5,295,209		03/1994	Huber	385	37	
	US 5,321,543		10/1992	Huber	359	187	
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	Chen, Proc. IEEE, Vol. 58, No. 120, Oct. 1970, pps. 1440-1457
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	Becker, IEEE J. Quantum Elec., Vol. QE-20, No. 7, July, 1984, pps. 723-727
	Fan, et al., Optics & Photonics News, Feb. 1995, pp. 26-32
	Morey, et al., Optics and Photonics News, Feb. 1994, pps. 8-14
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	Jeong, G., et al., "Long-Distance Parallel Data Link Using WDM Transmission with Bit-Skew Compensation", Journal of Lightwave Technology, Vol. 14, No. 5, May, 1996, pps. 655-660		
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	Castagnozzi, D.M., et al., "High Data Rate Error Correcting Coding", SPIE International Symposium OE/LASE '94 January 27, Los Angeles, CA, paper 2123-37		
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	Gabla, P.M., et al., "401 km, 622 mb/s and 357 km, 2.488 Gb/s IM/DD Repeaterless Transmission Experiments Using Erbium-Doped Fiber Amplifiers and Error Correcting Code", IEEE Photonics Technology Letters, Vol. 4, Vol. 10, pps. 1148-1151, 1992		
	Jhy-Horng, Wu, et al., "Coding to Improve Receiver Sensitivity for the Optical Intensity Modulation Direct-Detection System", Journal of Optical Communications, Vol. 14, pps. 217-222, 1993		
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	Yamamoto, S., et al., "5 Gbit/s Optical Transmission Terminal Equipment Using Forward Error Correcting Code and Optical Amplifier", Electronics Letters, Vol. 30, No. 3, pps. 254-255, 1994		
	Summerfield, M.S., et al., "All-optical TDM to WDM Conversion in a Semiconductor Optical Amplifier", Electronics Letters, Vol. 30, No. 3, pps. 255, 1994		
	Livas, J.C., et al., "Forward Error Correction in a 1 Gbit/S/Channel Wavelength-Division-Multiplexed System", Proc. IEEE/LEOS Summer Topical on Optical Networks and Their Enabling Technologies, paper #W2.5, pps. 61-62, July 1994, Abstract		
	Cryan, R.A., "A Reed-Solomon Coded Optically Preamplified PPM System, Microwave and Optical Technology Letter, Vol. 9, No. 3, 1995		
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	US 5,185,736		02/1993	Tyrrell, et al.	370	55	
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	US 5,321,543		06/1994	Huber	359	187	
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	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
	EP	0310058		09/1988	Europe	H04Q	11/00		
	EP	0436293		11/1990	Europe	H04L	25/14		
	EP	0438022		12/1990	Europe	H04J	14/02		
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	"Sonet Inter-Carrier Interface Physical Layer Generic Criteria for Carriers," GR-1374-Core, Issue 1, (1994)
	"Sonet Regenerator (SONET RGTR) Equipment Generic Criteria, " TR-NWT-000917, Issue 1, (1990)
	"Synchronous Optical Network (SONET) Transport Systems: Common Generic Criteria," GR-253-Core, Issue 1, (1994)

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	US 5,710,650		01/1998	Dugan	359	133	
	US 5,715,076		01/2998	Alexander, et al.	359	130	
	US 5,938,309		08/1990	Taylor	357	124	
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	D.A. Bryan, et al, "Integral Grating Coupler on an Optical Fiber," SPIE Vol. 574 Fiber Optic Couplers, Connectors, and Splice Technology II, pps. 56-61 (1985)						
	Michael Corke, "Wavelength Division Multiplexers: Requirements, Installation and Testing," The 10 th Annual National Fiber Optic Engineers Conference, Vol. 4, pps. 79-94 (1994)						
	F. Diner et al., Network Design Consideration of n-channel WDM Architectruss with EDFAs for Central Office Applications, National Fiber Optic Engineers Conf., pps. 1207-1214, June 18-22, 1995						
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	"Implementation of a Forward Error Correcting Code in Multigigabit Optical Fiber Submarine Cable Systems," International Telecommunications Union COM 125-82E pps. 1-13 (1994)						
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	IEEE Journal on Selected Areas in Communications, Vol. 8, No. 6, pps. 945-1222 (1990)		
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	W.J. Lennon, et al., "High Speed Optical Links Between LLNL and Berkeley," Lawrence Livermore National Laboratory, Preprint UCRL-JC-118154, August 8, 1994		
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	Kuo Chen Lee, et al., "Routing and Switching in a Wavelength Convertible Optical Network," Proc. IEEE Infocom '93 (IEEE Computer Society Press), Vol. 2, pps. 578-585 (1993)		
	Mitchel Loeb, "Parallel Data Transmission Through an Optical Fiber Using Wavelength Division Multiplexing," North Carolina State University at Raleigh, Ph.D. Thesis (1985)		
	S.E. Miller, et al., "Optical Fiber Telecommunications II," Academic Press, Inc., pps. 16-18 (1988)		
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	Jonathan A. Nagel, et al., "Multigigabit Capacity 1.5um WDM Field Trial," OFC Technical Digest, pp. 28 (1991)		
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